VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

☐ Conceptual Proposal ☐ Final Proposal	Date 8-18-11
Contract ID 101022-805	Job No. <u>J9I2149</u>
County Pulaski	Original Bid Cost 11,080,359.15
Contractor Emery Sapp & Sons	By Josh Doerhoff
Designed By MoDOT	Phone 573-445-8331
VECP# 11-52 (to be completed by C.O.)	VECP ☐ or PDVECP ⊠
as wide as concrete overlay. This required extensions project. This linear grading had to be completed roadway slopes did not contain enough material to Emery Sapp & Sons suggested to change the cross cross slope to 3% in order to minimize the width eliminated approximately 2521 cvs of furnishing	sovered that most of the existing pavement was not sive linear grading throughout Stage 1 of the with a baserock material since the existing to perform linear grading by the specifications. ss slope of the shoulders from the existing roadway and thickness of the concrete wedge. The change unbonded concrete overlay.
2. Estimate of reduction in construction costs. <u>\$1</u>	76,364,00
 3. Prediction of any effects the proposed change(s) will maintenance and operations. None 4. Anticipated date for submittal of detailed change(s) Specifications. 	
8-18	3-11
(da	ite)
 Deadline for issuing a change order to obtain maxin contract completion time or delivery schedule. 	num cost reduction, noting the effect of
9-30-11 Project Close C	Out will be Underway
(date)	(effect)
6. Dates of any previous or concurrent submission of t	
(that and)	or delive)

Additional Comments:

This practical design was discussed early on in the project but it was decided to wait to submit final paper work until the project totals could be completed in the event the project would have over run on furnishing concrete. Even though the suggestion to utilize a 3% cross slope on the shoulders eliminated approximately 2,521 cys, the project is only under running the total plan quantity by 2,449.5 cys. Thus the total savings is only for 2,449.5 cys.

** Portion Below This Line To Be Filled Out by MoDOT **						
Com	iments: Recomv Matching th equivalent	nend approval as Practical Design e existing cross-slope of the show thickness of an A-Z should Submitted By Resident Engineer	UE. ulder provided ler 8-22-11 Date			
Com	ments:					
2(Approval Recommended Rejection Recommended	District Engineer	8/23/11 Date			
Comments:						
□	Approval Recommended Rejection Recommended	Felix R. Gonzalez Digitally signed by Felix R. Gonzalez DN: cn=Felix R. Gonzalez, o, ou, email=felix.r.gonzalez@dot.gov, c=US Date: 2011.09.15 11:48:48-05'00' Federal Highway Administration Required for FHWA Full Oversight Projects	Date			
Com	ments:					
□ ¤	Approval Rejection	Digitally signed by John P Donahue DN: cn=John P Donahue, o=MoDOT, ou=3H35, email=john.donahue@modot.mo.gov, c=US Date: 2011.08.25 12:26:31-05'00' State Construction and Materials Engineer	. Date			

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- o Bridge/Structure/Footings
- o Drainage Structures (RCP, RCB, CMP's, ect.)
- o TCP/MOT
- Paving (PCCP, ect.)
- o Grading/MSE Walls
- o Signal/Lighting/ITS
- o Misc

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

The contractor has proposed to reduce furnishes concrete quantities on the shoulder and slope wedge by increasing the cross-slope to 3%.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database.	If.
there are special instructions, make note of them here.	